

Date: Fri, 2 Sep 94 22:03:09 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #987
To: Info-Hams

Info-Hams Digest Fri, 2 Sep 94 Volume 94 : Issue 987

Today's Topics:

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 Need formula for VHF/UHF path loss
 Need QSL database ad
 Number of Call Signs
 PacketCluster
 PLSE INCLUDE SASE FOR DIRECT DX QSL CA

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Sep 1994 18:49:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: 73cm Simplex
To: info-hams@ucsd.edu

I recently bought a dual band HT and was wondering about the band plan for
73cm. My ARRL repeater guide doesn't list simplex frequencies other than
440.000. What are the agreed upon simplex frequencies? Are they the
unused repeater pairs in my area?

Thanks in advance

Warren Whitby
wwhitby@aol.com
Department of Industrial Relations
State of Alabama
73s de KE4ITL

Date: Thu, 01 Sep 1994 14:51:44 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB071 Contest dates ok
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB071
ARLB071 Contest dates ok

ZCZC AG36
QST de W1AW
ARRL Bulletin 71 ARLB071

Date: Thu, 01 Sep 1994 14:49:26 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLD055 DX news
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD055
ARLD055 DX news

ZCZC AE53
QST de W1AW
DX Bulletin 55 ARLD055

Date: 2 Sep 1994 10:04:44 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!uknet!
strath-cs!nntphost.dur.ac.uk!hydra.dur.ac.uk!d21ak3@network.ucsd.edu
Subject: FAX/WEEFAX SPEC
To: info-hams@ucsd.edu

Hello!

I am looking for some help in finding out the specification of FAX and/or

WEEFAX data (satellite weather pictures) as received on SW. I am going to be working on image enhancement project and need info on my sources!

Any pointers or specs. would be greatly appreciated.

Tnx.

Date: 1 Sep 94 17:06:09 GMT
From: gonix!pschleck@uunet.uu.net
Subject: How to find the answers to frequently-asked questions about Ham Radio
To: info-hams@ucsd.edu

In <ham-faq-ptr-1-778067045@oes.amdahl.com> ikluft@oes.amdahl.com (Ian Klufft) writes:

[...]

>---Call for FAQ Editors-----

>As with any volunteer effort, new volunteers are often needed. We need
>a new editor to post the Ham Radio FAQ. Preferably this should be
>someone who has enthusiasm for Ham Radio, experience with UseNet, and
>the ability to work with the other editors. No single person can know
>all the various aspects of this diverse hobby so the editorial review
>group is intended to make a greater combination of experience.

>The FAQ is currently posted with the AUTO-FAQ software, which is
>written in PERL. So it would be a plus for volunteers to post the
>FAQ to have PERL installed on their system and be able to use "cron"
>or "at" so that postings can go unattended.

>Anyone who wants to make their contribution to the Net as a volunteer
>should contact hamradio-faq@amdahl.com.

I'd like to publicly thank Ian for his 2 1/2 years of service posting the FAQ. Ian came along at just the right time to take over an excellent resource originated by Diana Syriac KC1SP, but technical problems and professional obligations motivated her to transfer the mechanical chores (and most of the editorial ones) to a new maintainer. Ian has been a true professional, coordinating cross-posting to moderated newsgroups like *.answers and rec.radio.info, conducting the co-editor's mailing list to provide broader-based formal feedback and editorial changes, and even leading newsgroup reorganizations to make the FAQ's reflect on an even better set of newsgroups. Like Diana's transition to Ian, this doesn't reflect a "failure" on anyone's part, just a

realization that ultimately the FAQ belongs to the readers, and opportunities for more individuals on the net to contribute and become trained in FAQ maintenance techniques is desirable. We'd also like to think that we're not just talking to ourselves, and the overall mission of the FAQ and its content reflects a reasonable consensus of the readership.

If you've seen my latest posting of my Elmers Resource Directory, you'll know that I've just made a hurried transition from declining services at UNO to (hopefully) a more stable and better-supported commercial site in the local Omaha area. The demands of maintaining the Elmers list (including working out the bugs and slightly different interfaces at the new site), reading and participating in news discussions at a leaf site (which is running 4-7 days behind), as well as personal and professional obligations, means that I can't in good conscience take over the FAQ myself. However, I'm willing to continue to participate as a co-editor and contribute to the FAQ's ongoing maintenance.

If you have *any* interest in pursuing Internet information projects, and would like to learn more about automated posting techniques (or even Unix shell programming in general), please drop us a line. We'd like to see this valuable resource continue for some time to come.

73, Paul W. Schleck, KD3FU

pschleck@gonix.com

Date: 1 Sep 1994 17:16:31 GMT
From: lll-winken.llnl.gov!taurus.cs.nps.navy.mil!nps.navy.mil!srbible@ames.arpa
Subject: IC-970H use for AMSATS
To: info-hams@ucsd.edu

In article <2E58C401@fsdsmtpgw.fsd.jhuapl.edu> JEYESAF@f2groups.fsd.jhuapl.EDU (Jeyes, Arthur F. (Art)) writes:

>Is anyone using the IC-970 for 9600 baud AMSAT work, and if so, what
>modifications are required?

>

>I contacted ICOM customer service and got the following reply:

>

>>Sir,

>>

>>The IC-970 was developed before 9600 baud packet was on the market.

>>Therefore the radio was not designed with the capability of operation with
>>9600 baud packet. The IC-970 will work on the AMSAT but not on PACSAT, due
>>to the switching speed needed to operate 9600 baud packet.

>>

>>We do not have factory authorized modifications for the radio outside of the

>>original design of the Radio.
>>
>>73's Ray, KB5KCL
>>
>
>It seems hard for me to believe that radio manufacturers are ignoring 9600
>baud compatability as much as they are ... the reviews I have read on the new
>IC-820 also say that it is also not 9600 baud SAT compatible.
>
>I guess I need to start considering other units for my next purchase ...
>
>any recommendations from other users ???
>
>Thanks
>
>Art Jeyes
>Art.Jeyes@jhuapl.edu

This is amazing. ICOM must have changed their policy on helping hams out with technical issues. Quite the contrary, ICOM sent me a photocopy of the schematic and the suggested taps points needed to do 9600 bps. Ron Parsons W5RKN came to my rescue and has a very elegant mod that requires only one solder joint to the main pcb board. I include it below. I have done this mod myself and it works fine. I'd be happy to answer any questions you might have concerning the mod.

Steve N7HPR (sr bible@nps.navy.mil)

-----8<-----

Below is a more complete description of my mods. Yes, please share these with anyone you feel like. I don't need the MAIN board pring as I have one in the 970 Service manual. Thanks anyway.

Ron W5RKN

=====

Icom IC-970 9600 baud FSK Mods

The following describes mods for 9600 baud FSK for an Icom IC-970. The mods require NO soldering or cutting on the IC-970, and are thus easily reversible.

Icom suggested mods for 9600 were:

- * TX mod input at collector of Q59 on the main unit.
- * RX Main at DET output in J29 (main unit).
- * RX Sub at TSAOS output in J9 (main unit).

I made slight mods to Icom's mods:

* TX mod input at collector of Q59 on the main unit. This is available at the top of R51 with a micro clip. Ground is at the top of R60 with a micro clip. These resistors are about 3" back from the front of the Main unit and 2" from the right. The micro clips were attached to a length of RG-174 mini coax. No mods to board! The leads of the resistors appear to be painted. Scrape the paint off with a small, sharp knife (a small mod).

* RX Main output at TSA0M at J29 (main unit). Available on P85 (tone squelch option socket) under the top cover.

* RX Sub output at TSA0S at J9 (main unit). Available on P87 (tone squelch option socket) under the top cover.

Two lengths of RG-174 mini coax were connected to a 6-pin headers with the center conductor on pin 4 and ground on pin 3. The headers were covered with heat-shrink tubing. The headers plug into P85 (MAIN) and P87 (SUB).

The three coax cables were routed to the back-right of the IC-970 case. The two TVJ hole covers were removed and replaced by two dual RCA jack boards. These boards were attached with a small bolt through the hole for the TVJ screws. The coax was attached to three of these jacks.

Ron Parsons W5RKN
9001 Laurel Grove Dr.
Austin, TX 78758
(512) 836-2514
CompuServe 71371,2110

Date: 1 Sep 1994 14:06:56 +0300
From: agate!howland.reston.ans.net!EU.net!news.eunet.fi!gate.compart.fi!not-for-mail@ames.arpa
Subject: JVFAX
To: info-hams@ucsd.edu

seanl@harlequin.co.uk (Sean Lange) writes:

>I'm looking for JVFAX (the fax/sstv prog) and understand it's now up
>to v7.0. Can anyone point me to an ftp site. TIA

ftp.funet.fi:/pub/ham/misc/jvfax70.zip.

Regards,

Markku / OH2BQZ

Date: Thu, 1 Sep 1994 21:52:35 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
Subject: Maritime CW Usage Snippet of History
To: info-hams@ucsd.edu

rdkeys@csemail.cropsci.ncsu.edu (R. D. Keys) writes:

>they can get along now with a no-code license on VHF. But it is
>still of some interest to note that among the commercial operators,
>you don't even begin to be proficient at this game until you can
>run a comfortable 20wpm, and beyond. How many hams out there can
>muster 20wpm, reliably.....

Actually, I would venture that since the International Morse Code test for a 2nd Class Radiotelegraph Operator requires one minute out of five minutes of solid copy at 16 WPM coded groups and 20 WPM plain language, that one is not considered *proficient* until one can handle the minimum requirement for a 1st Radiotelegraph ticket, which is 20/25 WPM *with ease* (and I'll bet the average operator can handle 25/30 with ease, maybe higher).

It's an acquired skill, to be sure, rather than something requiring superior intellect (no put-down intended by that), but it sure is a *neat* thing to do well.

(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

"You can have my bug when you can pry my cold, dead fingers from around it....." - anonymous radiotelegraph operator

Date: 1 Sep 94 19:27:41 GMT
From: sunriv!ronh@uunet.uu.net
Subject: Need FCC Part 15 Rules
To: info-hams@ucsd.edu

Anyone know of a source to quickly obtain a current copy of Part 15 of the FCC rules and regulations? I've sent two letters to the US Government printing office and one to the FCC asking for a current price list and ordering info, and neither has responded over the course of the last 3 months. In years past, a delay of a few weeks was tops to get the

order form and prices, place the order, and get the documents.
Now it seems they don't want to sell me anything. Any
suggestions?

NOTE: I'm looking for Part 15, not Amateur Service R&Rs.

Thanks in advance.

== I used to be young and foolish. Now I'm just foolish. ==
Ronnie D. Hughes, N5CSE | ronh@sunriver.com
SunRiver Corp. |
2600 McHale Court, #125 | (512) 835-8001 ext. 118
Austin, TX 78758 |

Date: 2 Sep 1994 11:00:05 GMT
From: zib-berlin.de!news.th-darmstadt.de!News.Uni-Marburg.DE!news.belwue.de!
news.uni-stuttgart.de!moritz@uunet.uu.net
Subject: Need formula for VHF/UHF path loss
To: info-hams@ucsd.edu

Mike Morris <morris@grian.cps.altadena.ca.us> wrote:

>
>The subject line is pretty concise. I'm trying to locate a set of
>formulas for the range 50-500 mhz for calculating path loss so I can
>figure fade margins.
>

Hello Mike, I don't think what you want is really feasible. Read the ARRL
Handbook.

73, Moritz DL5UH

Date: 28 Aug 94 01:31:00 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!convex!
news.duke.edu!duke!wolves!psybbs.org!fidonet!z1!n151!f160!
Dave.Hockaday@network.ucsd.edu
Subject: Need QSL database ad
To: info-hams@ucsd.edu

TS>>73, Tom WB4iUX
TS>>My posting is my view only and not AT&T's. But you know that!
TS>>DX IS !!!!!
TS>>And always will be.....

Hi Tom!! This is an unrelated response, but I couldn't resist when I saw your posting. I have some of your qsl's on the wall and this is the first time I've seen you on the net. My name is Dave, and I worked you mobile on 20 once and I have a card when you were /VP9 (I think...I'm at work, heehee). Anyway, nice to hear (er...see) you on the net es tn timer for the nice cards! 73 de WB4IUY

X OLX 2.1 X Phychic convention cancelled due to unforeseen problems

Date: Thu, 1 Sep 94 13:03:47 GMT
From: agate!cat.cis.Brown.EDU!noc.near.net!news2.near.net!news.umass.edu!news.mtholyoke.edu!world!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!@ihnp4.ucsd.edu
Subject: Number of Call Signs
To: info-hams@ucsd.edu

In <33veao\$hk9@cville-srv.wam.umd.edu> ham@wam.umd.edu (Scott Richard Rosenfeld) writes:

>the biggest pool. Hey, in the UK, they give "2E" calls to
>their equivalent of "No-Code Tech"s.

Errrm - I believe the no-code tech is a little more like the UK's Class-B license. The 2* series is given to Novices, 2*0 are class A Novices (VHF/UHF with HF) and 2*1 are class B Novices (VHF/UHF only).

The * depends on where in the UK you are, and is similar to the G* prefix.

The real confusion arises when you have a club station. They have different G* prefixes, and I can't remember all of them. Sorry to all those GD, GJ and GU clubs!

Novice call	Full call	Club call	Country
2D	GD		Isle of Man
2E	G	GX	England
2J	GJ		Jersey
2M	GM	GS	Scotland
2U	GU		Guernsey
2W	GW	GC	Wales

And on top of that, there's the good old GB special event prefix.

With a full call or a club call, the number after the prefix indicates the class of the license. A 2-letter suffix is always an A license, and was issued before the second world war. A three letter suffix uses the following numbers to indicate an A or B license:

Class A	Class B
0	1
2	6
3	7
4	8

The number 5 with a three-letter suffix used to be used for reciprocal licenses (and isn't any more), and the number 9 is for experimental licenses (please don't ask me what this means!). Current licenses are in the G0 and G7 series, and once G7 has finished it is planned to use G5 for class Bs.

And I bet you thought it was going to be easy!

Scott

--

```

=====
| Scott Earle,           | Internet   : scott@rcp.co.uk       |
| Senior Software Engineer, | AMPRnet    : g0swg@g0swg.ampr.org  |
| RCP Ltd,              | NTS BBS    : G0SWG@GB7AVM         |
| Dales,                |            |
| High Street,          | Tel (work): +44 235 510116         |
| Didcot, Oxon. OX11 8EQ | FAX (work): +44 235 511084         |
=====

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Date: 3 Sep 94 03:50:25 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: PacketCluster
 To: info-hams@ucsd.edu

I am looking for a Packet Cluster in Internet. Some body knwos if there is some one and if there is how can I subscribe me. Thanks in advance
 XE1ZW,Guillermo,Mexico City,Mexico
 memo@mail.internet.com.mx

Date: 1 Sep 1994 15:15:48 GMT
 From: noc.near.net!jericho.mc.com!fugu!levine@uunet.uu.net
 Subject: PLSE INCLUDE SASE FOR DIRECT DX QSL CA
 To: info-hams@ucsd.edu

In article 7h2@raffles.technet.sg, nunas@solomon.technet.sg (Maurice Nunas) writes:

-->
-->Many of us outside USA use cards much bigger than USA sized post cards.
-->Some are as big as International sized postcards. The cards from the USA
-->usually have US-sized envelopes that are too small for
-->international-sized post cards. Hams *outside* the US almost always
-->send a nice big envelope that fits international post cards.
-->
-->I throw out dozens of too-small envelopes every week and replace them
-->with an envelope here that I have to buy and hand address. This is a
-->waste of trees!
-->
Does one get caned for wasting trees? ;-)

-->
-->I *do* appreciate the thought of those who send a self addressed envelope,
-->but sure hate to make waste by throwing them out. I also appreciate the \$1
-->that most of you send (or IRCs).
-->
-->Thanks to all for listening. Please pass the word as not many hams are
-->on the Internet.
-->
-->73 de Maurice, 9V1ZS, from the land of endless summer.

On the other hand, a standard envelope put inside a business envelope plus a dollar bill plus a QSL card weighs almost EXACTLY 1/2 ounce so it gets one unit of International Airmail postage on this end. Using bigger envelopes will raise that cost for us.

Why can't DX stations get smaller QSL cards? We dont care about pretty pictures (well I dont) or monster fold-outs. Buy generic QSLs. It should be much cheaper for you too. Here, we can get the generics for about 3 cents each.

Is there some aversion to the smaller size QSLs popular here in the states? Maybe no foreign printers can make such sizes?

Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599

Date: Thu, 1 Sep 1994 22:25:00 GMT

From: hookup!yeshua.marcam.com!MathWorks.Com!europa.eng.gtefsd.com!
howland.reston.ans.net!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!
frank_reid.electronics.indiana.edu@ames.arpa
To: info-hams@ucsd.edu

References <31AUG199403591589@reg.triumf.ca>, <33l3kp\$187q@ns2.CC.Lehigh.EDU>,
<wa2iseCv8A6x.H3H@netcom.com>om
Subject : Re: Is the moon reflective of radio waves?

In article <33l3kp\$187q@ns2.CC.Lehigh.EDU> x011@ns2.CC.Lehigh.EDU writes:
>Is the moon reflective enough of radio waves to use it as a reflective radio
>telescope?

Sure. Radio hams do it all the time.

Rumor I heard: The giant radiotelescope at Aricibo (sp?), Puerto Rico,
was built by NSA so they could spy on Russian VHF/UHF radio traffic via
moon bounce. When satellites made it obsolete, they gave it to the
radio astronomers.

--

Frank reid@ucs.indiana.edu W9MKV

Date: (null)
From: (null)

Date: (null)
From: (null)

End of Info-Hams Digest V94 #987
